

- 2 -

04645.0943

In the Claims:

1. (Currently Amended) [A] An implantable medical device including a header assembly for connecting and an implantable housing assembly, ~~medical device to a conductor terminating at a body organ intended to be assisted by the medical device, the medical device comprising a~~ the housing assembly comprising an enclosure containing control circuitry, at least one electrical energy storage device, and at least one feedthrough wire extending from the control circuitry and through an opening in the enclosure housing, the feedthrough wire being electrically insulated from the enclosure housing wall by a seal, wherein the enclosure housing further comprises a lug extending from a housing wall, the lug having a lug opening sized to receive a fastener, the header assembly comprising:

- (a) a terminal positioned outside the enclosure housing and connectable to a distal end of the feedthrough wire; and
- (b) a body supporting the terminal connectable to a lead for the conductor, the body having at least one inlet provided therein with an intersecting through bore extending into the body, wherein the body inlet is matable with the lug extending from the housing wall and wherein the fastener is receivable in the through bore aligned with the lug opening to secure the body to the housing wall.

- 3 -

04645.0943

2. (Currently Amended) [A] An implantable medical device including a header assembly for connecting and an implantable housing assembly, medical device to a conductor terminating at a body organ intended to be assisted by the medical device, the medical device comprising a the housing assembly comprising an enclosure containing control circuitry, at least one electrical energy storage device, and at least a first and second feedthrough wires extending from the control circuitry and through at least one opening in the enclosure housing, the feedthrough wires being electrically insulated from the enclosure housing wall by at least one seal, wherein the enclosure housing further comprises a lug extending from a housing wall, the lug having a lug opening sized to receive a fastener, the header assembly comprising:

- (a) a first terminal positioned outside the enclosure housing and connectable to a first distal end of the first feedthrough wire, wherein the first terminal includes a first lead opening;
- (b) a second terminal positioned outside the enclosure housing and connectable to a second distal end of the second feedthrough wire, wherein the second terminal includes a second lead opening, and wherein the first and second lead openings of the first and second terminals are aligned in a first co-axial relationship; and
- (c) a body supporting the first and second terminals with a first bore communicating from outside the body to the first and second co-axial lead openings

- 4 -

04645.0943

connectable to a lead for the conductor, wherein the body inlet is matable with the lug extending from the housing wall and wherein the fastener is receivable in the through bore aligned with the lug opening to secure the body to the housing wall.

3. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the enclosure housing has third and fourth feedthrough wires extending from the control circuitry and through the housing wall ~~of the housing~~, wherein the third and fourth wires are connectable to respective third and fourth terminals supported by the body, the third and fourth terminals having third and fourth lead openings aligned in a second co-axial relationship along a second bore communicating from outside the body to the third and fourth terminals.

4. (Currently Amended) The implantable medical device header assembly of claim 3 wherein the first co-axial relationship of the first and second lead openings along the first bore is offset with respect to the second co-axial relationship of the third and fourth lead openings aligned along the second bore.

5. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the body is of a polymeric material.

6. (Canceled)

- 5 -

04645.0943

7. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the housing wall ~~of the housing~~ is a lid.

8. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the enclosure housing for the medical device comprises mating first and second clam shells closed by a lid serving as the housing wall.

9. (Currently Amended) The implantable medical device header assembly of claim 2 wherein at least one of the first and second terminals includes an aperture.

10. (Currently Amended) The implantable medical device header assembly of claim 9 wherein a threaded member is receivable in the aperture in the at least one of the first and second terminals to secure the lead received therein.

11. (Currently Amended) The implantable medical device header assembly of claim 9 wherein the body includes at least one passageway in the at least one aperture in the at least one of the first and second terminals.

12. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the first bore is sized to receive the conductor lead in the first and second lead openings of the first and second terminals.

- 6 -

04645.0943

13. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the first bore includes an annular channel supporting an O-ring for sealing about the conductor lead received in the first and second terminals.

14. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the electrical energy storage device is selected from a battery and a capacitor.

15. (Currently Amended) The implantable medical device header assembly of claim 2 wherein the medical device is selected from the group consisting of a hearing assist device, neurostimulator, cardiac pacemaker, drug pump and cardiac defibrillator.

16. (Currently Amended) The implantable medical device header of claim 2 wherein the first and second terminals are selected from the group consisting of a terminal block, a sleeve, a ring-shaped member supporting a coil spring and a ring shaped member supporting at least one leaf spring.

17. to 29. (Canceled)

- 7 -

04645.0943

30. (Currently Amended) [A] An implantable medical device including a header assembly for connecting and an implantable housing assembly, medical device to a conductor terminating at a body organ intended to be assisted by the medical device, the medical device comprising a the housing assembly comprising an enclosure containing control circuitry, at least one electrical energy storage device, and at least one feedthrough wire extending from the control circuitry and through an opening in the enclosure housing, the feedthrough wire being electrically insulated from the enclosure housing wall by a seal, wherein the enclosure housing further comprises at least one external anchor having a protruding portion, the header assembly comprising:

- a) a terminal positioned outside the enclosure housing and connected to a distal end of the feedthrough wire; and
- b) a body supporting the terminal connectable to a lead for the conductor, wherein the body encases the anchor comprising the protruding portion to thereby secure the body to the housing assembly.